

000001 84848460

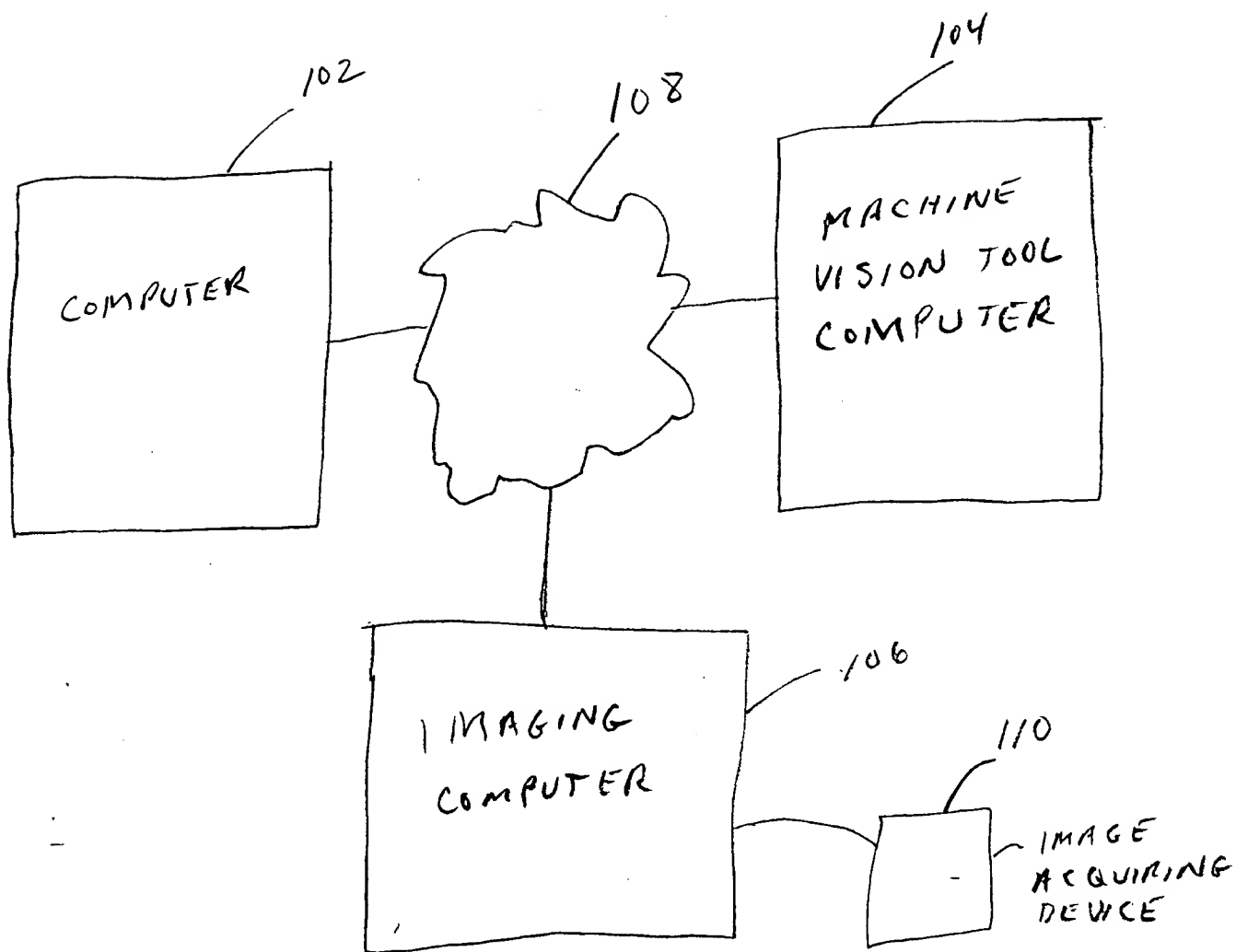


FIG. 1

09741848-12200

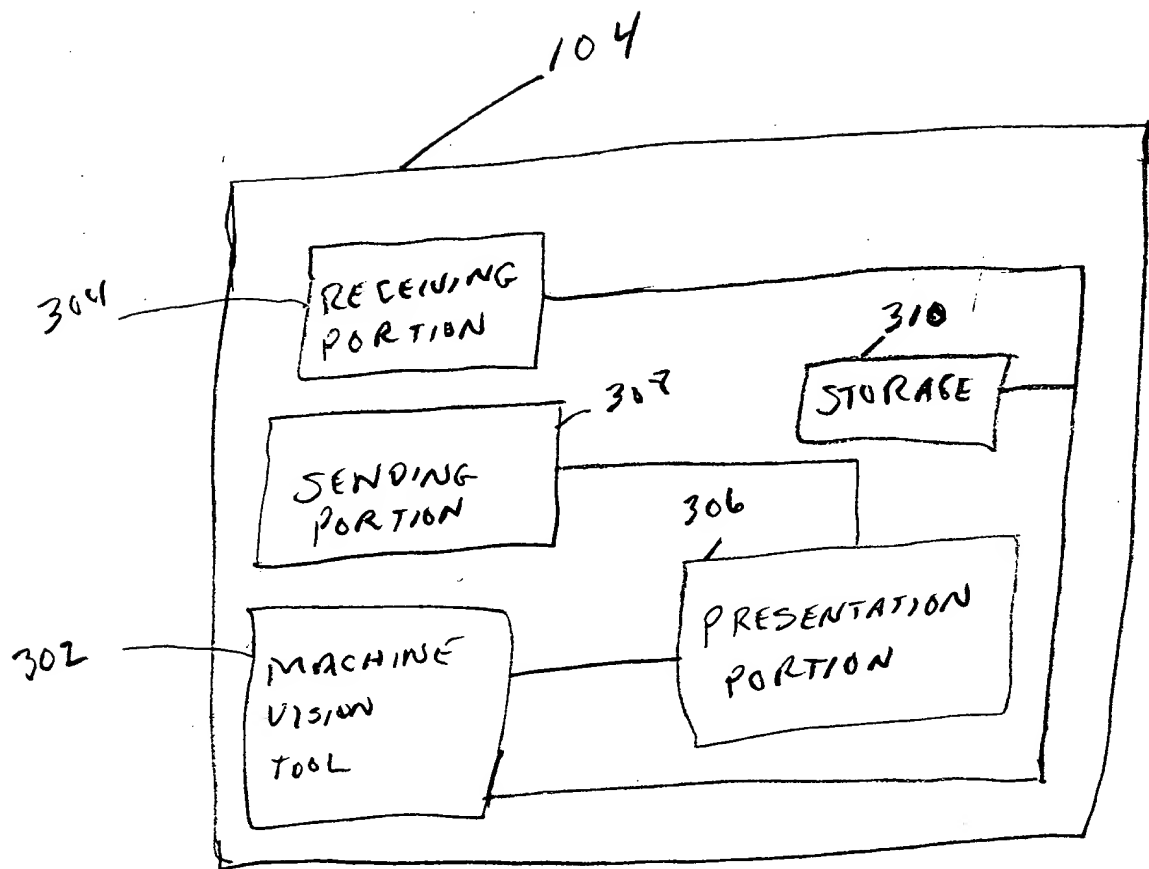


FIG. 3

00222T 848760 09741848 122200

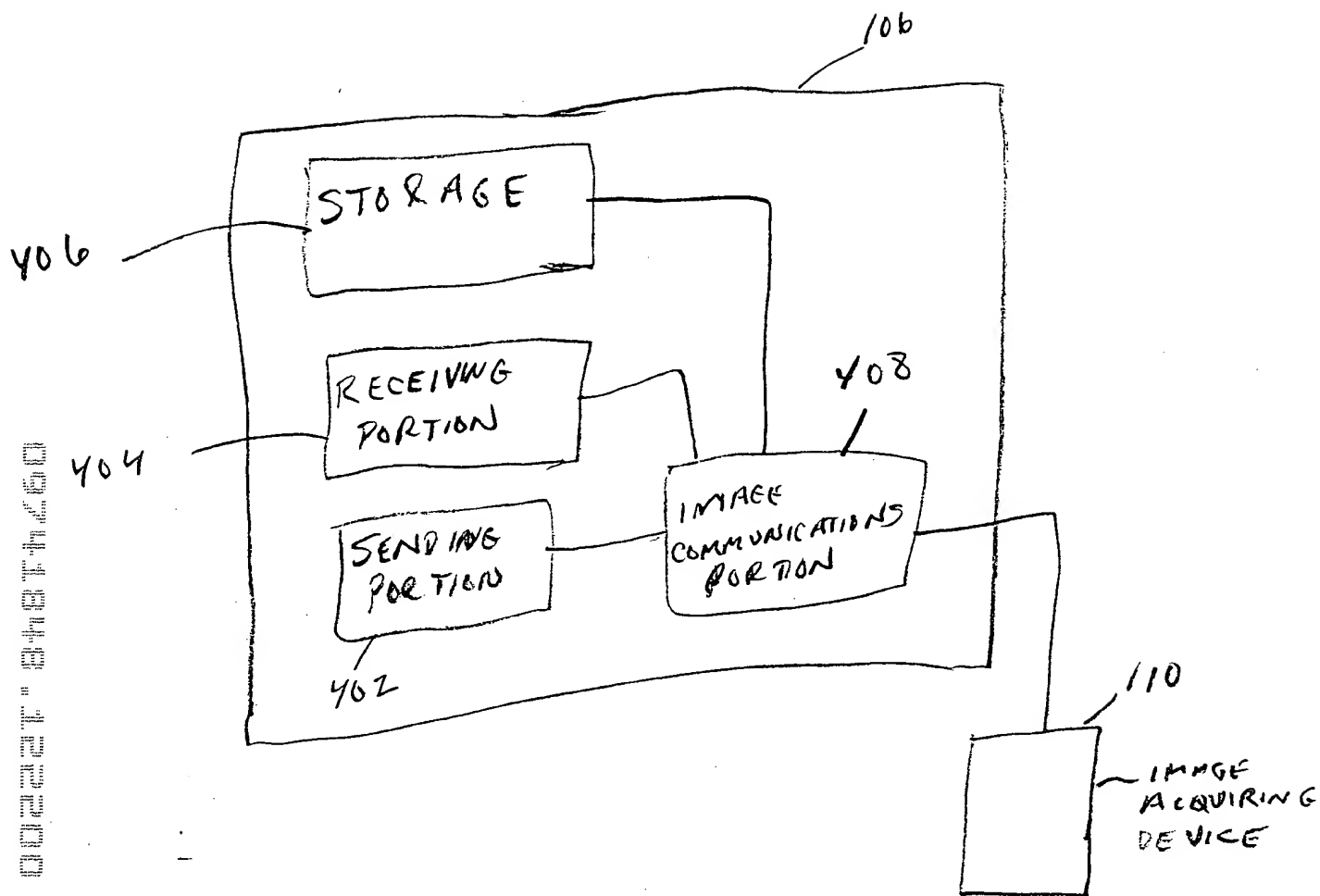


FIG. 4

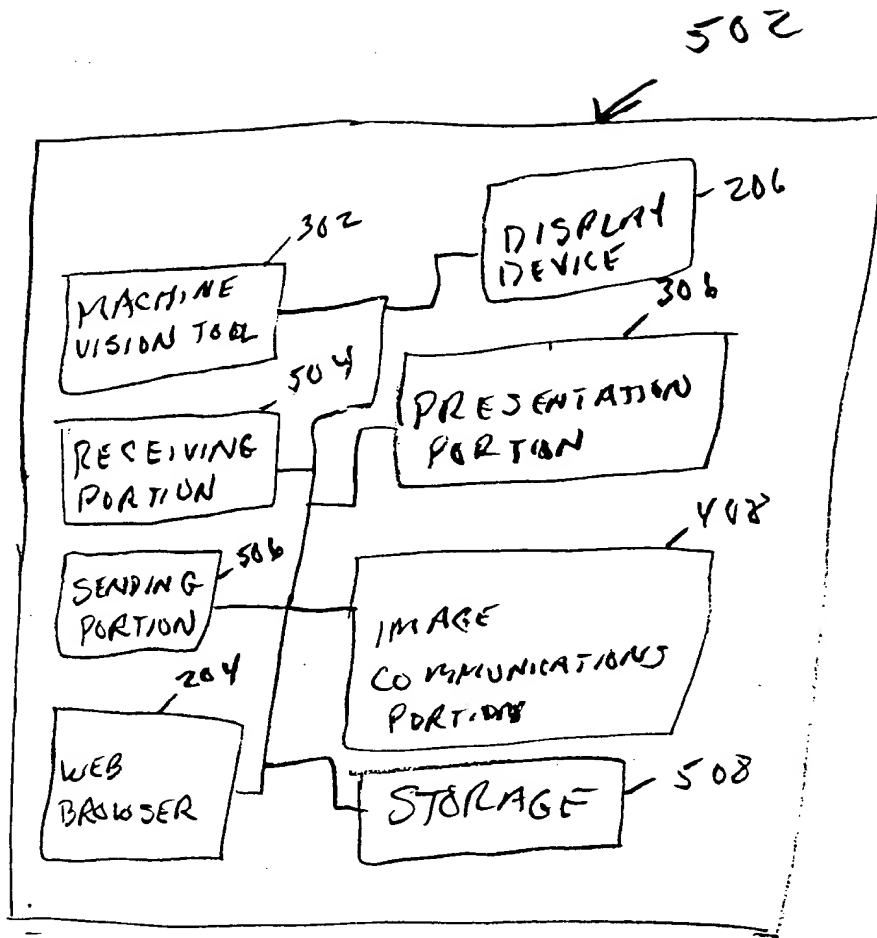


FIG. 5

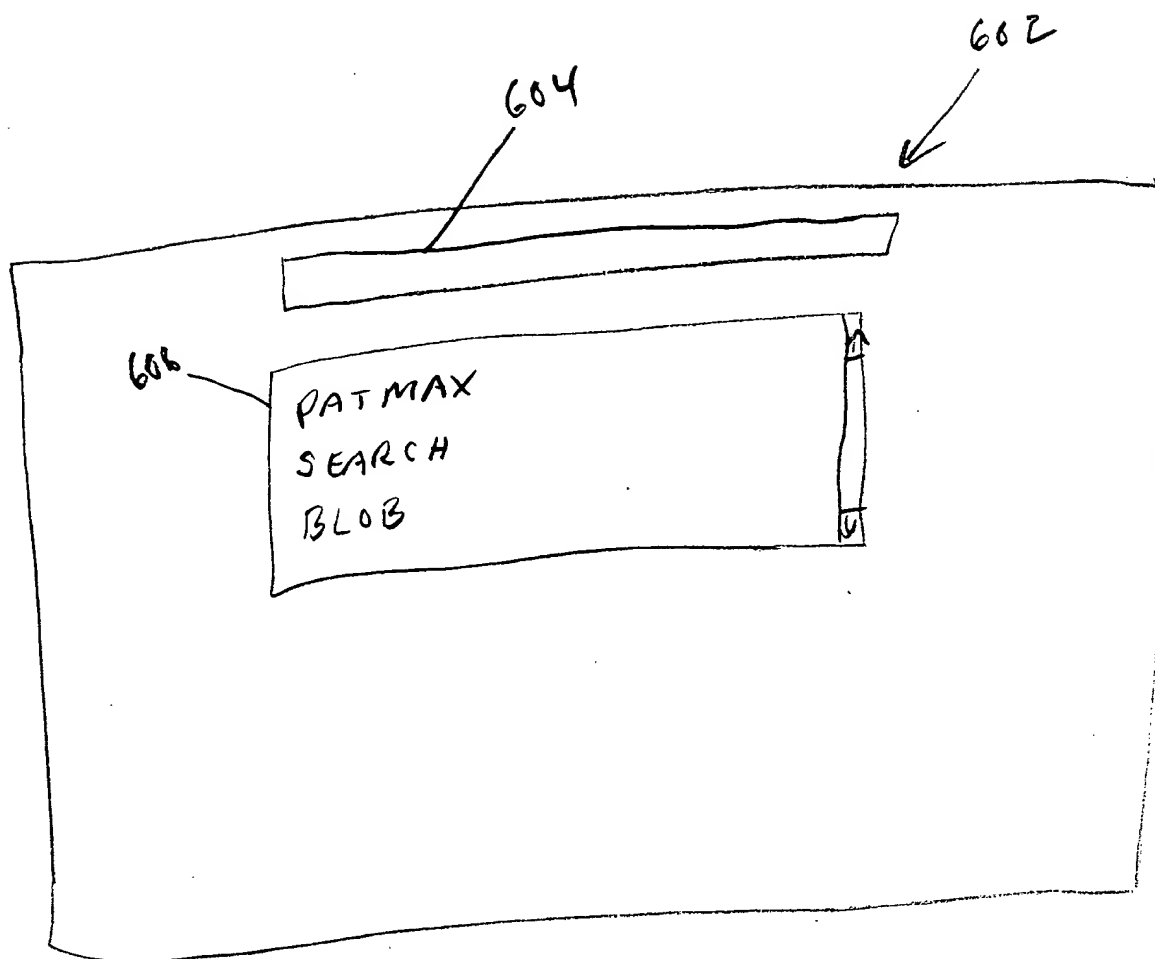


FIG. 6

002222T 84814260

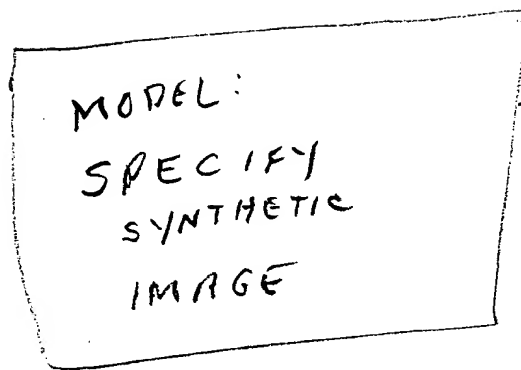


FIG. 7

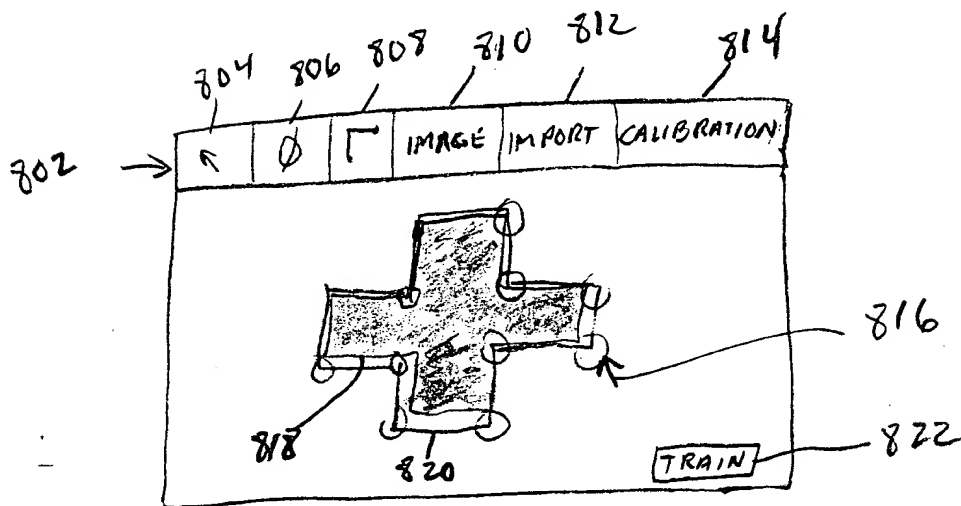


FIG. 8

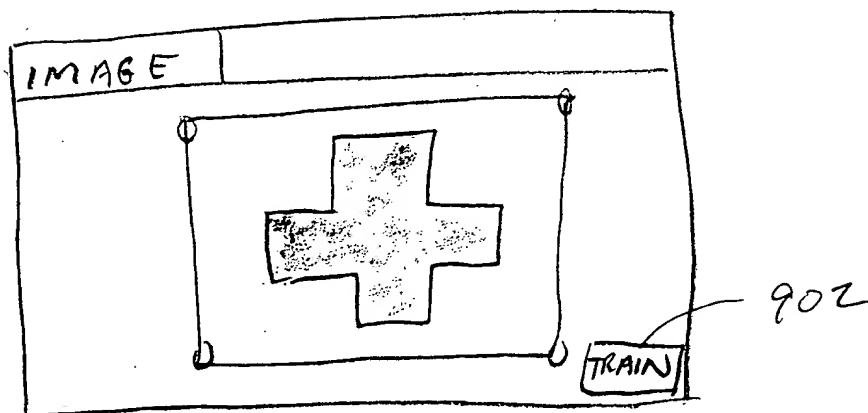


FIG. 9

IMAGE SOURCE 1002

DATABASE X1
DATABASE X2
CAMERA 1 RIS

NEW MODIFY DELETE

FIG. 10

NEW IMAGE SOURCE 1102

NAME:

TYPE: DATABASE
CAMERA
URL
FILE 1104

CREATE

FIG. 11

SERVER: machine15.cognex.com 1202

DATABASE FILES 1204

GFP
FIDUCIAL (CROSS)
FIDUCIAL (CIRCLE)

SELECT 1206

FIG. 12

SERVER: local 1302

Camera 1 / fiducial
Camera 2 Part
Camera line scan

SELECT 1306

1304

Fig. 13

url: http://mac.data.com/foo.gif

~1402

FIG. 14

FILE: _____

~1504

~1502

FIG. 15

MODEL: PATMAX

IMAGE SOURCE:

RUN PARAMETERS: ~1604

DIAGNOSTICS: ~1606

~1602

FIG. 16

PATMAX RUN PARAMETERS

NAME: My Parameters

Accept Threshold 0.5

Contact Threshold 10

☒ SCORE USING CLUTTER

NUMBER TO FIND 1

TIMEOUT 1000 ms

DOF	nominal	low	high
<input checked="" type="checkbox"/> ANGLE	<u>0</u>	<u>-45</u>	<u>+45</u>
<input type="checkbox"/> UNIFORM SCALE	<u>0.8</u>	<u>1</u>	<u>1.2</u>
<input type="checkbox"/> X SCALE	<u>0.9</u>	<u>1</u>	<u>1.2</u>
<input type="checkbox"/> Y SCALE	<u>0.8</u>	<u>1</u>	<u>1.2</u>

☐ OK - 1762

FIG. 17

DIAGNOSTICS

NAME Graphics Diags

☒ SHOW INPUTS

☒ SHOW OUTPUTS

☒ SHOW INTERMEDIATE STEPS

☐ OK - 1802

FIG. 18

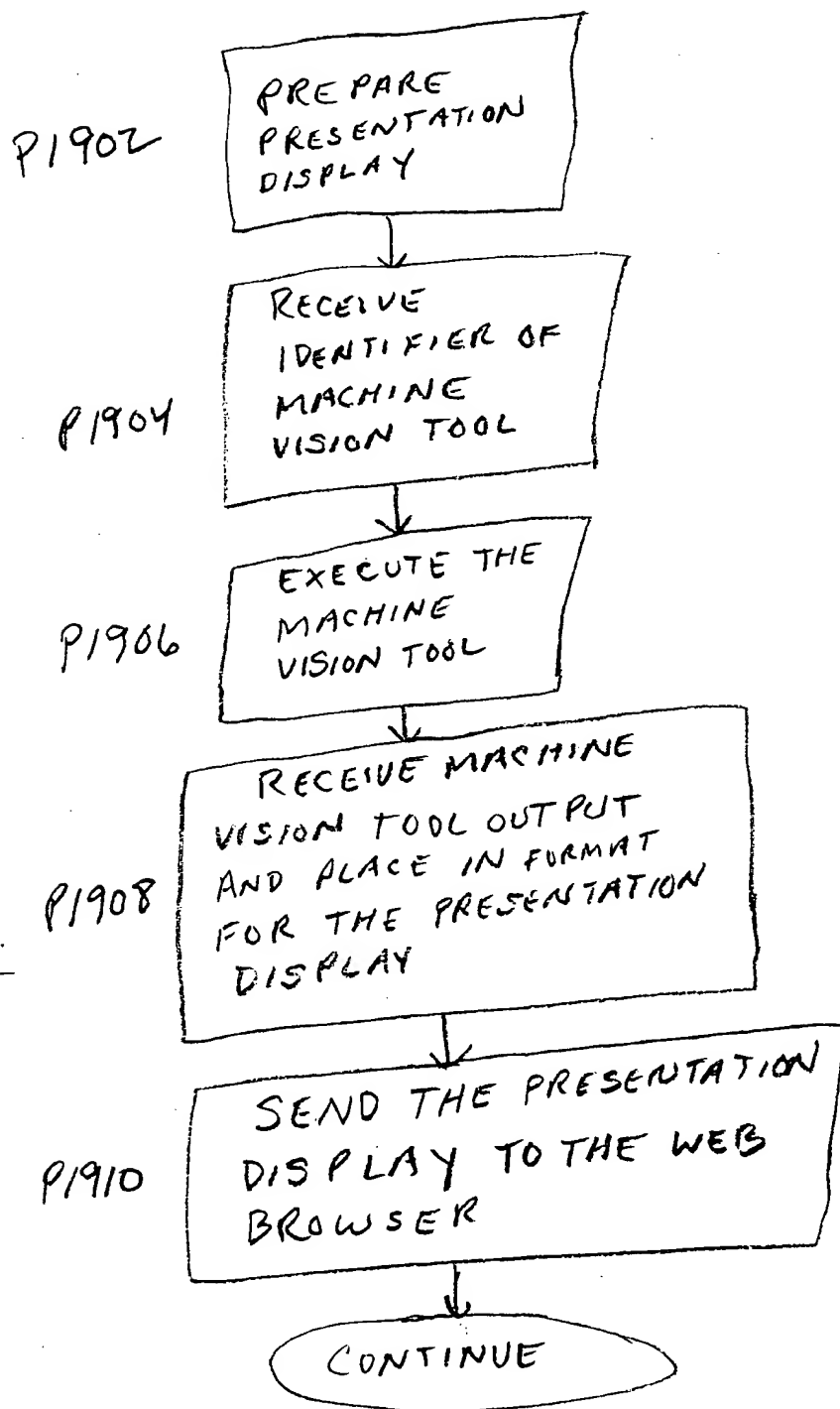


Fig. 19

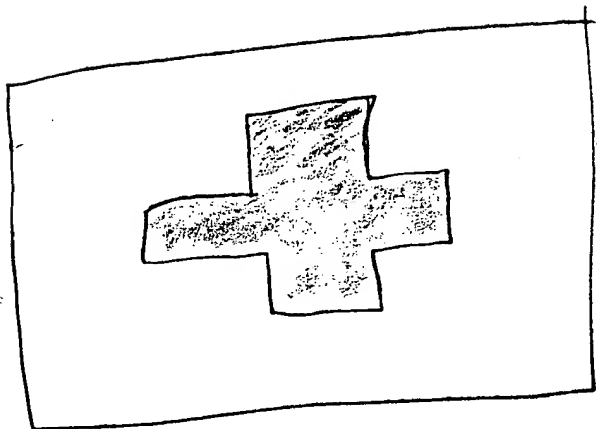


FIG. 20

002221 843760

MODEL : PATMAX

MODEL : ANN
TRAINING PARAMETERS : DEFAULT

2102

TRWIN

2104

FIG. 21

PATMAX TRAINING PARAMETERS

NAME: TRAINING PARAMETERS

granularity _____

☐ inverse polarity

☐ auto select grain limits

elasticity _____

course grain limit _____

fine grain limit _____

OK

— 2202

FIG. 22